

B2 30. (NEW) The fusion protein of claim 27, wherein the protein with a non-functionally active F-Box domain is a protein with a functionally active F-Box domain.

### RESTRICTION

Claims 6 and 8-10 are subject to a restriction requirement under 35 U.S.C. § 121. The Action identifies a restriction to two groups of inventions. Applicants hereby elect Group II, claim 10 as amended above with traverse, for continued prosecution. Claim 6, 8, and 9 have been cancelled. New claims 11-30 have been added.

### CONCLUSION

Applicant provisionally elects Group II, claim 10 as amended hereto with traverse. New claims 11-30 have been added to define further the amended claim 10. Their entry and allowance is respectfully requested.

An action on the merits of the amended and new claims and an early Notice of Allowance thereof are respectfully requested. The Examiner is invited to telephone the undersigned at the telephone number listed below if he or she has any questions or suggested amendments to the claims.

Dated: July 24, 2002.

Respectfully submitted,

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PATENT

In Re Application: Jeffrey Wade Harper, Stephen J. Elledge, and Jeffrey T. Winston  
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Examiner: Ruixiang Li  
For: METHOD FOR DETECTION OF NF- $\kappa$ B REGULATORY FACTORS

**MARKED-UP VERSION OF PARAGRAPHS  
IN ACCORDANCE WITH RULE 1.121(b)**

10. (AMENDED) An isolated and purified nucleic acid segment [nucleotide sequence] comprising a nucleic acid [nucleotide sequence encoding at least one functionally active fragment of an F-box protein, wherein said] sequence substantially homologous to [consists of a least a portion of] the gene sequence [set forth] in SEQ ID NOS: 54 and 56.